

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yuji MATSUDA

S. N.

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For: IMAGE FORMING DEVICE

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A
E. Millio
2-20-02

PRELIMINARY AMENDMENT

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please make the following amendments to this application
prior to examination thereof:

In the Specification:

Page 2, line 24 through page 4, line 7, please replace
these 2 paragraphs with the following 2 paragraphs:

A1
The technology for reading the test pattern via a sensor is
disclosed in Japanese Patent Laid-Open Publication No. Hei 7-
323582. As shown in FIG. 15, the base recording head, one of a
plurality of recording heads, and each of the other recording
heads print a pattern made up of two parallel bars (pattern
elements) to allow the sensor to read the same position of the
parallel bars twice to detect the recording head deviation
amount. That is, in the first scan, the sensor senses the width
of each pattern element to calculate the center dot position

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